Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-145: Cancelled.

146. (New) A dermatologic apparatus that is cordless and sufficiently compact as to be hand-held, comprising:

(a) a self-contained housing configured for gripping with a person's hand for cordless manipulation in a dermatologic procedure;

(b) a divergent light source within the housing comprising one or more diode lasers;

(c) an electrical circuit within the housing for energizing the light source to produce output light pulses;

(d) a light path within the housing including an output aperture through which light pulses are propagated out of the housing;

(e) an optical diffuser disposed along such light path for increasing a divergence and decreasing a spatial coherence of light,

wherein

(1) a light pulse emitted by the apparatus has a fluence at the output aperture greater than 4 J/cm^2 , and

(2) the light pulse has a fluence that is less than a maximum permissible exposure (MPE) at a distance "r", wherein

the MPE has a value in J/cm^2 equal to $1.8 \times 10^{-3} t^{0.75} (C_4)(66.7)$, where $C_4 = 10^{0.002(\lambda-700)}$ for wavelengths λ of the light pulse from 700 nm to 1050 nm and $C_4 = 5$ for wavelengths λ of the light pulse from 1050 nm to 1100 nm, and t is the duration of the light pulse in seconds, and

the distance "r" is a distance from the output aperture as measured in a direction normal to the output aperture at which an angular subtense of the output aperture equals 100 milliradians; and

(3) the majority of the energy of the light pulse is contained within the spectral band of 700 nm to 1100 nm, and

(4) the light pulses are emitted at a repetition rate between 0.1 Hz and 2 Hz, and

(5) the pulse duration of the light pulse is between 20 milliseconds and 1 second, and

(6) the peak power of the light pulse is between 10 watts and 120 watts, and

(7) the spot size of the light pulse emitted by the apparatus is between 0.25 cm^2 and 5 cm^2.

147. (New) The apparatus of claim 146, further comprising:

a heatsink for contacting a region of the epidermis of a person undergoing treatment, having one or more thermal characteristics that serve to remove heat from the epidermis and wherein the temperature of the heatsink is at or above a normal skin temperature, wherein a normal skin temperature is a temperature of the skin when not being treated with the device.

148. (New) The apparatus of claim 147, wherein the heatsink comprises a sapphire output window.

149. (New) The apparatus of claim 146, further comprising:

a heatsink for contacting a region of the epidermis of a person undergoing treatment, having one or more thermal characteristics that serve to remove heat from the epidermis; and

a heat removal element for maintaining the temperature of the heatsink below a normal skin temperature, wherein a normal skin temperature is a temperature of the skin when not being treated with the device.

150. (New) The apparatus of claim 149, wherein the heatsink comprises a sapphire output window.

151. (New) The apparatus of claim 146, wherein the optical diffuser comprises a transmissive diffuser.

152. (New) The apparatus of claim 146, wherein the optical diffuser comprises a reflective diffuser.

153. (New) The apparatus of claim 146, further comprising a mixer along the light path for distributing light more uniformly at the aperture.

154. (New) The apparatus of claim 146, wherein the electrical circuit comprises a direct drive electrical circuit.